

PATENT
Appl. No. 09/765,008
Attorney Docket No. 450100-02948

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 50. (Canceled)

51. (Previously Presented) A data communication system comprising:

a transmitting apparatus incorporating a contents data generating means for generating a contents data;

a plurality of receiving apparatuses;

a data transmitting apparatus which transmits data between said transmitting apparatus and said receiving apparatuses;

a data selecting and receiving means wherein at least one of said plural receiving apparatuses selects and receives data transmitted from said transmitting apparatus;

a received data processing means for processing data received by said data selecting and receiving means; and

a profile ID linking means which initially generates a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and then causes said profile ID to be linked with said contents data;

wherein a receiving device incorporating a received profile ID data memory means for storing a profile ID data including a receivable profile ID is interchangeably incorporated in at least one of said receiving apparatuses; and said data selecting and receiving means selects and receives data based on said profile ID;

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wherein said profile comprises such a data related to the contents of each contents data, such a data related to said transmitting apparatus, and such a data related to said receiving apparatuses;

wherein said profile includes such a data containing a tree-structure; and

wherein said received data processing means provided for at least one of said receiving apparatuses further comprises a profile ID resetting means which, after causing said data selecting and receiving means to count the rounds of the reception of data received by itself, if the rounds of the reception of data received by said data selecting and receiving means are less than the predetermined rounds, resets said profile ID used for selecting data by said data selecting and receiving means to be back to such a profile ID corresponding to a profile having own layer one grade upper than a profile present in said tree structure corresponding to said profile ID.

52-92. (Canceled)

93. (Previously Presented) A receiving apparatus used for a data communication system including

a data selecting and receiving means for selecting and receiving a broadcast contents data and

a received data processing means for processing said data received by said data selecting and receiving means;

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wherein said receiving apparatus comprises a receiving device provided with a received profile ID data memory means for storing such a profile ID data including a receivable profile ID;

said data selecting and receiving means is constituted as to select a proper contents data based on such a profile ID corresponding to a profile related to said contents data and/or transmission and reception of said contents data and being linked with said contents data;

wherein said profile comprises such a data related to the contents of a contents data, such a data related to the transmitting apparatus, and such a data related to the receiving apparatuses;

wherein said profile includes such a data containing tree-structure;

said receiving apparatus further comprising:

a profile ID resetting means which, after causing said data selecting and receiving means to count the rounds of the reception of data received by said receiving means, if the rounds of the reception of data received by said receiving means are less than the predetermined rounds within a predetermined time T, resets said profile ID used for data selection by said data selecting and receiving means back to such a profile ID corresponding to such a profile having own layer upper than the profile present in said tree-structure corresponding to said profile ID.

94-108. (Canceled)